

## FIELD DUCT SIZING CHART

### ROUND DUCT SIZE ESTIMATE

#### Flexible Duct

Duct Size	Design Airflow
5"	50
6"	75
7"	110
8"	160
9"	225
10"	300
12"	480
14"	700
16"	1000
18"	1300
20"	1700

#### Round Metal Pipe

Duct Size	Design Airflow
5"	50
6"	85
7"	125
8"	180
9"	240
10"	325
12"	525
14"	750
16"	1200
18"	1500
20"	2000

Flex duct = .05" on most metal duct calculator

Round metal pipe = .06" on most metal duct calculators

### RECTANGULAR DUCT SIZE ESTIMATE

Design CFM	Duct Height - Net inside dimension in inches								
	4"	CFM	6"	CFM	8"	CFM	10"	CFM	12"
60	<b>6x4</b>	60	<b>4x6</b>	90	<b>4x8</b>	120	<b>4x10</b>	150	<b>4x12</b>
90	<b>8x4</b>	110	<b>6x6</b>	160	<b>6x8</b>	215	<b>6x10</b>	270	<b>6x12</b>
120	<b>10x4</b>	160	<b>8x6</b>	230	<b>8x8</b>	310	<b>8x10</b>	400	<b>8x12</b>
150	<b>12x4</b>	215	<b>10x6</b>	310	<b>10x8</b>	430	<b>10x10</b>	550	<b>10x12</b>
180	<b>14x4</b>	270	<b>12x6</b>	400	<b>12x8</b>	550	<b>12x10</b>	680	<b>12x12</b>
210	<b>16x4</b>	320	<b>14x6</b>	490	<b>14x8</b>	670	<b>14x10</b>	800	<b>14x12</b>
240	<b>18x4</b>	375	<b>16x6</b>	580	<b>16x8</b>	800	<b>16x10</b>	950	<b>16x12</b>
270	<b>20x4</b>	430	<b>18x6</b>	670	<b>18x8</b>	930	<b>18x10</b>	1100	<b>18x12</b>
300	<b>22x4</b>	490	<b>20x6</b>	750	<b>20x8</b>	1060	<b>20x10</b>	1250	<b>20x12</b>
330	<b>24x4</b>	540	<b>22x6</b>	840	<b>22x8</b>	1200	<b>22x10</b>	1400	<b>22x12</b>
		600	<b>24x6</b>	930	<b>24x8</b>	1320	<b>24x10</b>	1600	<b>24x12</b>
		650	<b>26x6</b>	1020	<b>26x8</b>	1430	<b>26x10</b>	1750	<b>26x12</b>
		710	<b>28x6</b>	1100	<b>28x8</b>	1550	<b>28x10</b>	1950	<b>28x12</b>
		775	<b>30x6</b>	1200	<b>30x8</b>	1670	<b>30x10</b>	2150	<b>30x12</b>
40	<b>2 1/2 x10</b>			1300	<b>32x8</b>	1800	<b>32x10</b>	2300	<b>32x12</b>
70	<b>2 1/2 x14</b>			1400	<b>34x8</b>	1930	<b>34x10</b>	2450	<b>34x12</b>
150	<b>2 1/2 x30</b>			1500	<b>36x8</b>	2060	<b>36x10</b>	2600	<b>36x12</b>
		100	<b>3 1/2 x14</b>			2200	<b>38x10</b>	2750	<b>38x12</b>
		220	<b>3 1/2 x30</b>			2350	<b>40x10</b>	2900	<b>40x12</b>
								3050	<b>42x12</b>

Rectangular sheet metal duct = .07" on most metal duct calculators